

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| L2    | 63   | (carrig near james).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/05/25<br>16:15 |
| L3    | 1    | ((image or video) with (least near squares) with (grid)).clm.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/05/25<br>16:18 |
| L4    | 211  | ((image or video) with (least near squares)).clm.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/05/25<br>16:18 |
| L5    | 0    | ((image or video) with (least near squares) with (train\$)).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/05/25<br>16:19 |
| S1    | 502  | 382/299.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2006/04/21<br>10:42 |
| S2    | 419  | S1 and resolution  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2005/05/05<br>08:51 |
| S3    | 6    | S2 and (block adj match\$3)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2004/10/27 16:17    |
| S4    | 175  | S2 and enhanc\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2004/10/27<br>18:50 |
| S5    | 502  | 382/299.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2004/10/27<br>18:50 |
| S6    | 419  | S5 and resolution  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2004/10/27<br>18:50 |

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|     |      |  |  |    |     |                     |
|-----|------|--|--|----|-----|---------------------|
| S7  | 137  | S6 and compos\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/10/27 18:51    |
| S8  | 502  | 382/299.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/28<br>08:39 |
| S9  | 16   | S8 and (least adj square\$1)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/10/28<br>10:08 |
| S10 | 5    | ("4969204"   "4972497"   "4979229"   "5029228"  <br>"5058185").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | OFF | 2004/10/28<br>08:59 |
| S11 | 17   | ("5297219").URPN.  | USPAT  | OR | OFF | 2004/10/28<br>09:23 |
| S12 | 2    | ("0631709").PN.  | USPAT;<br>USOCR  | OR | OFF | 2004/10/28<br>09:23 |
| S13 | 191  | weldy.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/10/28<br>09:25 |
| S14 | 86   | S13 and imag\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/10/28<br>09:25 |
| S15 | 87   | S13 and imag\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/10/28<br>09:26 |
| S16 | 3104 | composit\$3 same interpolat\$3                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/05/05<br>08:50 |
| S17 | 208  | S16 same resolution  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/05/05<br>08:51 |
| S18 | 155  | S17 same (image\$1 or video)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/05/05<br>08:52 |

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|     |      |  |  |    |     |                     |
|-----|------|--|--|----|-----|---------------------|
| S19 | 2    | "6155726".pn.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/05/06<br>10:54 |
| S20 | 224  | (least adj square) same interpolat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/23<br>10:46 |
| S21 | 582  | 382/299.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/23<br>10:46 |
| S22 | 0    | S20 and S21                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/23<br>10:46 |
| S23 | 9360 | (least adj square)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/23<br>10:54 |
| S24 | 4    | S21 and S23                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/23<br>10:46 |
| S25 | 1    | ("6285804").PN.                        | USPAT;<br>USOCR  | OR | OFF | 2005/12/23 11:54    |
| S26 | 778  | (least adj squares) same interpolation | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23<br>12:09 |
| S27 | 184  | S26 and train\$3                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23<br>12:09 |
| S28 | 26   | S26 same train\$3                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23 11:55    |
| S29 | 398  | (least adj squares) with interpolation | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23 12:10    |

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|     |      |   |  |    |     |                     |
|-----|------|---|--|----|-----|---------------------|
| S30 | 184  | S27 and train\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23 12:10    |
| S31 | 1548 | (least adj squares) same (train\$3 or neural or fuzzy)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/27<br>13:03 |
| S32 | 1    | 382/300.ccls. and S31   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23<br>14:58 |
| S33 | 12   | ("5631979"   "5936676"   "6002801"   "6075538"   "6091767"<br>  "6192079"   "6317459"   "6351494"   "6449393"   "6535643"<br>  "6661842"   "6681054").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON  | 2005/12/23<br>12:59 |
| S34 | 3    | ("6285804").URPN.   | USPAT  | OR | ON  | 2005/12/23 14:57    |
| S35 | 1548 | (least adj squares) same (train\$3 or neural or fuzzy)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23 15:01    |
| S36 | 50   | S35 same interpolat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23<br>15:02 |
| S37 | 2593 | ((mean or least) adj squares) same (train\$3 or neural or fuzzy)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23 15:01    |
| S38 | 65   | S37 same interpolat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/23<br>15:02 |
| S39 | 966  | (high adj resolution) same video same motion  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>09:41 |
| S40 | 145  | S39 same (low adj resolution)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>09:41 |
| S41 | 26   | S40 and (learn\$3 or (neural adj net\$4) or train\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>09:42 |

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|     |      |   |  |    |     |                     |
|-----|------|---|--|----|-----|---------------------|
| S42 | 136  | (high adj resolution) same video same grid            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>09:42 |
| S43 | 11   | S42 same (low adj resolution)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>09:42 |
| S44 | 1867 | (high adj resolution) same grid                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>09:42 |
| S45 | 173  | S44 same (low adj resolution)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>09:46 |
| S46 | 46   | S45 and (learn\$3 or (neural adj net\$4) or train\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>09:43 |
| S47 | 960  | 345/698.ccls. or 382/299.ccls.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>13:03 |
| S48 | 138  | S47 and grid  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27<br>13:40 |
| S49 | 20   | S48 and (train\$3 or neural or fuzzy)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/27 13:25    |
| S50 | 13   | S48 and (learn\$3)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/12/27 13:26    |
| S51 | 106  | resolution same registrat\$3 same grid                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/27 13:41    |
| S52 | 960  | 345/698.ccls. or 382/299.ccls.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/28<br>08:39 |

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|     |     |   |  |    |     |                     |
|-----|-----|---|--|----|-----|---------------------|
| S53 | 11  | S52 and (neural adj network)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/28<br>08:53 |
| S54 | 5   | (image near enhancement) same payment   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/28<br>12:58 |
| S55 | 3   | ("6554504").URPN.   | USPAT  | OR | ON  | 2005/12/28<br>12:53 |
| S56 | 139 | ("2404138"   "3520689"   "3520690"   "3587435"   "3615479"<br>  "3615498"   "3617282"   "3747120"   "3833161"   "3903541"<br>  "3946398"   "3959048"   "4026756"   "4081577"   "4142107"<br>  "4215927"   "4249985"   "4265545"   "4301469"   "4490729"<br>  "4501480"   "4564280"   "4594598"   "4621037"  <br>"4623236"   "4633300"   "4636808"   "4666307"   "4670779"<br>  "4736221"   "4741621"   "4745040"   "4755844"   "4777102"<br>  "4796061"   "4814630"   "4821114"   "4845551"   "4851311"  <br>"4857430"   "4875067"   "4969045"   "4994918"   "5027146"<br>  "5034767"   "5101286"   "5124216"   "5155596"   "5196285"  <br>"5200817"   "5212512"   "5231439"   "5235352"   "5255408"  <br>"5266805"   "5267030"   "5292605"   "5296923"   "5334247"<br>  "5350651"   "5350664"   "5357307"   "5360701"   "5371542"<br>  "5391443"   "5414779"   "5416550"   "5418119"   "5418597"  <br>"5432579"   "5436738"   "5440365"   "5447811"   "5448380"  <br>"5452018"   "5465155"   "5477345"   "5496669"   "5516608"  <br>"5519510"   "5546477"   "5550566"   "5552904"   "5563717"  <br>"5568270"   "5576836"   "5581376"   "5587752"   "5596415"  <br>"5627016"   "5649260"   "5664253"   "5664255"   "5667944"  <br>"5678116"   "5691118"   "5695914"   "5698382"   "5726773"  <br>"5739897"   "5771107"   "5790277"   "5799219"   "5835795"  <br>"5835811"   "5870172"   "5880819"   "5892595"   "5930388"  <br>"5959720"   "5963662"   "5966465"   "5979011"   "5982936"  <br>"5982937"   "5982941"   "5982951"   "5988896"   "5991444"  <br>"5998109"   "6000284"   "6005987"   "6017157"   "6065824"<br>  "6069714").PN. OR ("6088084"   "6089687"   "6101273"  <br>"6102508"   "6137965"   "6174094"   "6193425"   "6200738"  <br>"6222607"   "6283646").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON  | 2005/12/28<br>12:54 |
| S57 | 6   | S56 and payment   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON  | 2005/12/28 12:57    |
| S58 | 1   | "6155726".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON  | 2005/12/28 12:57    |
| S59 | 266 | (image near enhancement) and payment  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/28<br>13:00 |
| S60 | 178 | S59 and pixel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/28<br>13:00 |
| S61 | 44  | (image near resolution) same payment  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/12/28<br>13:00 |

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|     |     |   |  |    |     |                     |
|-----|-----|---|--|----|-----|---------------------|
| S62 | 7   | (super adj resolution) same (neural adj network)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/04/21<br>09:52 |
| S63 | 94  | pixel near2 dependent with filter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/04/21<br>10:09 |
| S64 | 97  | pixel near2 (adaptive) with filter\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/04/21<br>10:10 |
| S65 | o   | S64 same (least near2 square)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/04/21<br>10:10 |
| S66 | o   | S64 and (least near2 square)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/04/21<br>10:10 |
| S67 | 3   | S64 and (least near2 squares)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/04/21<br>10:10 |
| S68 | 101 | ("3311879"   "3805232"   "4361853"   "4381519"   "4419693"  <br>"4532628"   "4574393"   "4703351"   "4703352"   "4710811"  <br>"4722003"   "4729021"   "4772947"   "4788589"   "4815078"  <br>"4845560"   "4890161"   "4924310"   "4953023"   "4975915"  <br>"5023710"   "5086489"   "5093872"   "5101446"   "5122873"  <br>"5134479"   "5142537"   "5150210"   "5159452"   "5166987"  <br>"5177797"   "5185746"   "5196931"   "5208816"   "5221966"  <br>"5237424"   "5241381"   "5243428"   "5258835"   "5307175"  <br>"5327502"   "5337087"   "5359694"   "5379072"   "5398078"  <br>"5406334"   "5416651"   "5416847"   "5428403"   "5434716"  <br>"5438369"   "5446456"   "5455629"   "5469216"   "5469474"  <br>"5471501"   "5473479"   "5481554"   "5481627"   "5495298"  <br>"5499057"   "5552608"   "5557420"   "5557479"   "5571862"  <br>"5577053"   "5594807"   "5598214"   "5617333"   "5625715"  <br>"5636316"   "5649053"   "5663764"   "5673357"   "5677734"  <br>"5689302"   "5699475"   "5703889"   "5724099"   "5724369"  <br>"5737022"   "5751361"   "5751743"   "5756857"   "5784114"  <br>"5790195"   "5793435"   "5796786"   "5805762"   "5809231"  <br>"5844569"   "5844619"   "5852470"   "5861922"   "5878183"  <br>"5903481"   "5936674"   "5938318"   "5946044"  <br>"6067636").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON  | 2006/04/21<br>10:17 |
| S69 | 1   | ("6192161").PN.   | USPAT;<br>USOCR  | OR | OFF | 2006/04/21<br>10:18 |
| S70 | 1   | ("6591398").PN.   | USPAT;<br>USOCR  | OR | OFF | 2006/04/21<br>10:19 |
| S71 | 1   | ("6151416").PN.   | USPAT;<br>USOCR  | OR | OFF | 2006/04/21<br>10:20 |
| S72 | 1   | ("6519369").PN.   | USPAT;<br>USOCR  | OR | OFF | 2006/04/21<br>10:20 |